

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method in a data processing system for installing software in a network data processing system, the method comprising:

detecting an event in the network data processing system, wherein the event indicates that a software module is to be installed in a set of client data processing systems in the network data processing system, wherein the set of client data processing systems is at least one client data processing system;

discovering a configuration of each client data processing system in the set of client data processing systems by the at least one client data processing system sending a request to a multicast address and receiving in response a uniform resource locator (URL) of where the configuration is located on a server data processing system;

creating, by the server data processing system, a set of instructions using a knowledge base of prior installations, wherein the set of instructions is tailored for each client data processing system in the set of client data processing systems based on the configuration for the each client data processing system in the set of client data processing systems, wherein the set of instructions includes a future time to request the software module from an installation server, and wherein the set of instructions is subsequently executed on each client data processing system in the set of client data processing systems to pull the software module from the installation server and install the software module on the set of client data processing systems, and wherein the knowledge base of prior installations is located in an installed product registry at the server data processing system and includes a mapping between user identities and prior user installation configuration data that was previously used when configuring a previously installed version of the software module; and

sending, by the server data processing system, the set of instructions for the software module to be installed to the set of client data processing systems.

2. (Currently Amended) The method of claim 1, wherein the installation server is the server data processing system ~~set of instructions includes a future time to request the software module from an installation server.~~

3. (Cancelled)

4. (Currently Amended) The method of claim 1, wherein the ~~knowledge base of prior installations is located in an installed product registry~~ prior user installation configuration data comprises answers a user provided to questions that were asked during installation of the previously installed versions of the software module.

5-6. (Cancelled)

7. (Currently Amended) A data processing system for installing software in a network data processing system, the data processing system comprising:

- a bus system;
- a communications unit connected to the bus system;
- a memory connected to the bus system, wherein the memory includes a set of instructions; and
- a processing unit connected to the bus system, wherein the processing unit executes the set of instructions to detect an event in the network data processing system in which the event indicates that a software module is to be installed in a set of data processing systems in the network data processing system; discover a configuration of each data processing system in the set of data processing systems; create a set of instructions using a knowledge base of prior installations in which the set of instructions is tailored for each data processing system in the set of data processing systems based on the configuration for the each data processing system in the set of data processing systems, wherein the set of instructions includes a future time to request the software module from an installation server, and wherein the set of instructions are operable for subsequent execution on each client data processing system in the set of client data processing systems to pull the software module from the installation server and install the software module on the set of client data processing systems, and wherein the knowledge base of prior installations is located in an installed product registry at the data processing system and includes a mapping between user identities and prior user installation configuration data that was previously used when configuring a previously installed version of the software module; and send the set of instructions for the software module to be installed to the set of data processing systems.

8. (Currently Amended) A data processing system for installing software in a network data processing system, the data processing system comprising:

- detecting means for detecting an event in the network data processing system, wherein the event indicates that a software module is to be installed in a set of data processing systems in the network data processing system, wherein the set of data processing systems is at least one data processing system;

discovering means for discovering a configuration of each data processing system in the set of data processing systems;

creating means for creating a set of instructions using a knowledge base of prior installations, wherein the set of instructions is tailored for each data processing system in the set of data processing systems based on the configuration for the each data processing system in the set of data processing systems, wherein the set of instructions includes a future time to request the software module from an installation server, and wherein the set of instructions are operable for subsequent execution on each client data processing system in the set of client data processing systems to pull the software module from the installation server and install the software module on the set of client data processing systems, and wherein the knowledge base of prior installations is located in an installed product registry at the data processing system and includes a mapping between user identities and prior user installation configuration data that was previously used when configuring a previously installed version of the software module; and

sending means for sending the set of instructions for the software module to be installed to the set of data processing systems.

9. (Currently Amended) The data processing system of claim 8, wherein the installation server is the server data processing system ~~set of instructions includes a future time to request the software module from an installation server.~~

10. (Cancelled)

11. (Currently Amended) The data processing system of claim 8, wherein the ~~knowledge base of prior installations is located in an installed product registry~~ prior user installation configuration data comprises answers a user provided to questions that were asked during installation of the previously installed versions of the software module.

12. (Cancelled)

13. (Currently Amended) A computer program product in a computer ~~readable~~ recordable-type medium and operable by a server data processing system for installing software in a network data processing system, the computer program product comprising:

first instructions for detecting an event in the network data processing system, wherein the event indicates that a software module is to be installed in a set of data processing systems in the network data processing system, wherein the set of data processing systems is at least one data processing system;

second instructions for discovering a configuration of each data processing system in the set of data processing systems;

third instructions for creating a set of instructions using a knowledge base of prior installations, wherein the set of instructions is tailored for each data processing system in the set of data processing systems based on the configuration for the each data processing system in the set of data processing systems, wherein the set of instructions includes a future time to request the software module from an installation server, and wherein the set of instructions are operable for subsequent execution on each client data processing system in the set of client data processing systems to pull the software module from the installation server and install the software module on the set of client data processing systems, and wherein the knowledge base of prior installations is located in an installed product registry at the server data processing system and includes a mapping between user identities and prior user installation configuration data that was previously used when configuring a previously installed version of the software module; and

fourth instructions for sending the set of instructions for the software module to be installed to the set of data processing systems.

14. (Currently Amended) The computer program product of claim 13, wherein the installation server is the server data processing system ~~set of instructions includes a future time to request the software module from an installation server.~~

15. (Cancelled)

16. (Currently Amended) The computer program product of claim 13, wherein the ~~knowledge base of prior installations is located in an installed product registry~~ prior user installation configuration data comprises answers a user provided to questions that were asked during installation of the previously installed versions of the software module.

17. (Cancelled)